

What is claimed is:

Sub  
ai

1. A plasma display panel comprising:

scan electrodes for selecting a row of a matrix

5 display;

data electrodes for selecting a column;

a partition for defining a discharge space at least  
for each column;

10 k ( $k \geq 2$ ) of the data electrodes being arranged for  
each column of the matrix display, the data electrode  
being continuous from one end of the column to the other  
end;

15 all the scan electrodes within a display screen  
being classified into k groups, one of the k groups being  
assigned to k data electrodes in each column; and

each of the data electrodes being crossed with or  
opposed to scan electrodes belonging to the group that is  
assigned to the data electrode without overlapping a  
partition and is crossed with other scan electrodes with  
20 overlapping the partition.

2. The plasma display panel according to claim 1,  
wherein k of the scan electrodes, each of which is  
selected from each of the k groups within the display  
screen, are connected electrically.

25 3. The plasma display panel according to claim 1,  
wherein both ends of all data electrodes are led out of a  
sealing member that surrounds the display screen so as to  
close the discharge space.

30 4. The plasma display panel according to claim 1,  
wherein each of the data electrodes is widened locally in

103410 2201860

a plan view at portions being crossed with or opposed to scan electrodes belonging to the group that is assigned to the data electrode.

5     5. A method of driving a plasma display panel  
having scan electrodes for selecting a row of a matrix  
display, data electrodes for selecting a column, and a  
partition for defining a discharge space at least for each  
column, the method comprising the steps of:

10     arranging  $k$  ( $k \geq 2$ ) data electrodes for each column  
of the matrix display, the data electrode being continuous  
from the first end to the second end in the column  
direction;

15     classifying all the scan electrodes within a display  
screen into  $k$  groups, and assigning one of the  $k$  groups to  
 $k$  data electrodes in each column;

20     setting each data electrode to cross or oppose scan  
electrodes belonging to the group that is assigned to the  
data electrode without overlapping a partition and to  
cross or oppose other scan electrodes with overlapping the  
partition;

   connecting electrically  $k$  of the scan electrodes  
each of which is selected from each of the  $k$  groups within  
the display screen; and

25     selecting simultaneously  $k$  rows corresponding to the  
scan electrodes connected electrically when potentials of  
the scan electrodes and data electrodes are controlled in  
accordance with display contents for addressing.

30     6. The method according to claim 5, wherein the  
selecting step includes the step of selecting  $k$  rows from  
one end of the row arrangement to the other end, and

TOP SECRET

5

```
for row selection of a matrix display;
```

10

15